

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: N9DD@aol.com
Subject: [1317] "C" Beacon
Message-ID: <961008082037_328471219@emout14.mail.aol.com>

There has been alot of talk in the past on the list about the infamous "F" beacon that slowly sends the letter F over and over again on 7.040 MHz. The general consensus is that the beacon emanates from somewhere in Soviet Asia (or whatever you call that area now).

Last night I distinctly heard a station sending "C" repeatedly on 7.040. It had the "sound" of a distant station. I know there have been reports in the past of other "letter" stations, but this is the first time I've ever heard one.

There were alot of QRPers on due to the Spartan Sprint. I only managed to work one station in New Mexico. Did the rest of you hear the "C" station?

Tom N9DD
South Bend, IN

Coming soon to a foxhunt near you

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: daxe@satscan.com (Dave Axe)
Subject: [1325] "C" Beacon
Message-ID: <199610081447.HAA26747@satscan.com>

Tom, N9DD, wrote:

>Did the rest of you hear the "C" station?

Yes, I heard it here in western Washington too. It was weak with long fade period QSB. Peaked to about strength 3 during the Sprint.

72 de dave, W7AGJ
Dave Axe, Satscan Corporation / Cascade Technology
PO Box 1109, Sultan WA 98294-1109 (360)-793-3433 FAX: 793-0359

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Mel Evans <101366.3072@compuserve.com>
Subject: [1334] "Thanks Fred!"
Message-ID: <961008190118_101366.3072_JHP111-2@CompuServe.COM>

Hi guys, 'n gals,

If you've just had your latest SPRAT, you'll have seen an entry in Chris's column about my building the last HW 9. He states he mentioned it last time around, and Fred, W5QJM promptly upped and sent off 15 double sided sheets of mods for the rig.

These have worked their way through the system to me, and I have to say they are an eye-opener, there's some "cracking" mods in there, whether or not I'll ever get around to building them in remains to be seen.

For those interested, I'm now about halfway through the project, and I hope to have the RX protion of the kit completed shortly. It's fun, and I am enjoying it thoroughly.

My real reason for this mailing is to say thanks to the whole QRP fraternity, it never fails to come up every time with the answers, no matter if the query is strictly QRP or not. In particular, QRP is the "gentleman's" area of radio, vis. the action of Fred in going "the extra mile" and copying and sending the mods halfway round the world to a fellow QRP'er. Thankyou Fred, and Thankyou gentlemen and ladies, none of you are strangers, you're friends I haven't met yet!

72 and 73 de Mel

GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Vernon A. Hatley" <vhatley@worldnet.att.net>
Subject: [1321] 17 meter opening
Message-ID: <19961008142756.AAA22496@LOCALNAME>

Hello gang, just a quick note to let people know 17 has been open in the mornings here in Oklahoma. Very nice DX signals and easy to work QRP. If you haven't checked 17 lately, now is the time. 15 has also been showing a little promise as of late. Good luck.

--

KK5RO
Shawnee, OK

Vernon A. Hatley

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [1304] 30M DX
Message-ID: <1.5.4.32.19961008033820.00663054@postoffice.worldnet.att.net>

Just to comment, even tho TMPS is over, heard a UA1 tonight around 0145 UTC (OK, tomorrow morning) here in central WA. He was warbley and "ghosty," which I seem to recall as being told way back when that it was an over-the-pole signal, but still good copy. Of course, my 4 watts didn't make it back well enough....

Later on, around 0300, I heard what sounded like a CL4 calling a VU1. It was tough to copy, what with his speed, fist, QSB and the same over-the-pole sound. Is there a CL4? My old DXCC list didn't seem to have it.

73,
mike KD0FX
Richland WA QRP-L #576

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: jim hale <kj5tf@mctc.com>
Subject: [1339] 49er Mobiling Wednesday
Message-ID: <325AE565.220D@mctc.com>

Well, I had so much fun last week with my 5 mobile QSO's that I'm takeing my 49er for a ride again tomorrow, wednesday Oct. 9th. Please look for me! I'll be near Fayetteville, Arkansas calling CQ between 22:30 and 00:30Z on 7.040 - 7.045MHz.

My 49er now has two simple modifications it didnt have last week. The LM380-N audio mod, and the offset mod posted by WJ4PR. Both work very well, and make the 49er allot easier to use. 72/3'z de Jim - AR-QRP #2

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [1345] Big vs Small
Message-ID: <19960911.073149.5471.1.KD1JV@juno.com>

There seems to be a mind set out there that says that since QRP means small signal, it also means tiny boxes.

Certainly, the inherent simplicity of a typical QRP rig leads itself to

small boxes, but for the most part, there is no real reason to make them as tiny as possible.

For those of us who are incessant tinkers, never ones to leave well enough alone, a biggish box makes sense, as that gives us room to get to all the boards and make things in a modular way. i.e., I have a Rx module, a Tx module, a VFO module and filter module.

Also, There is a certain practical limit as to how small the box is to make the controls easy to use, without undo cramping. In my own opinion, a box with a front panel size of about 6-8" long and 4" high seems to work well.

The big mistake most people make is not keeping their wires long enough, when wiring the boards up to controls, power jacks and the like. If the wires are only long enough to get from the board to the external connections, and all are made in the shortest possible route, then removing the board for servicing later on is difficult or impossible, without disconnecting a lot of wires. Making the wires a few inches longer than might otherwise seem necessary, will save you much trouble later on. Wires cheap, don't skimp on it! (but then don't go too far in the other direction, be reasonable about it)

There are times you might want to build a complete qrp rig into a box the size of a cigarette box, but for the most part, you want to build it into a box that has some elbow room. By the way, old "C" band actuator boxes made by Channel Master are great project boxes, along with some of their old receiver boxes. (and are full of all kinds of useful parts) Check your local "C" band Satellite dealer and see if they still have any kicking around...(most trash the old system when they update it with a new one)

de KD1JV, Steve

Keep that iron hot.....

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: [1337] Boatanchors *newsgroup*
Message-ID: <Pine.GS0.3.93.961008103259.17557A-100000@uhunix3>

Just a quick note to all of you interested in tube gear: The voting for the proposed new group rec.radio.amateur.boatanchors has been completed and the group passed by a WIDE margin! It will be created within a week - ask your news provider to subscribe to it after that

time.

Email me if you'd like to receive a copy of the new group's charter.

7.3W,
Jeff KH2PZ / KH6

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Patrick Franzis <franzis@gdc.com>
Subject: [1324] C? Si.
Message-ID: <Pine.SUN.3.91.961008104040.1088B-1000000@esun212>

Hi Fellow QRP'rs

Did anyone hear a constant "C" at around 7.040 last night?
(02:30 Oct8 UTC)

Was this a beacon or someones auto keyer stuck :-) ?

-Pat n1ocj

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Markus Zimmermann <100724.2637@CompuServe.COM>
Subject: [1312] Do you know JST-10
Message-ID: <961008060754_100724.2637_EHU72-1@CompuServe.COM>

Hello QRP Gang
Does anyone know about this qrp rig from JRC? I think it is a two-bander for 40
and 15M. Do you have more information. Any detail is welcomed.

best 73/72
Markus, HB9JNH
G-QRP 5120

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>

Subject: [1303] DON'T LIMIT YOUR SEARCH TO POWER LINE NOISE

Message-ID: <Pine.GS0.3.95.961007215022.17746J-1000000@oscar.teclink.net>

The recent thread on power line noise was good, and proper. However, you may be overlooking another source - cable television, CATV lines.

After I had several encounters with the power company, and after they replaced an entire pole assembly, I still had noise which they claimed that they couldn't find. When tv pictures began fading, I called the cable folks. They found several leaks within 2 blocks of my house, including one caused by someone cutting the line, twisting another coax onto the exposed ends, and leaving everything bare to the elements. They fixed it; the noise was gone for a few weeks; then the guy found his tools again.

Now, when the noise gets really bad, I try to open six meters with my 150 watts pointed at the leak.

Mike Duke, WB5ADC, Jackson, MS

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996

From: Brad Mugleston <bmug@gwl.com>

Subject: [1291] FOX - Novice

Message-ID: <199610072102.AA17816@gp-ipc19.gwl.com>

OK, here is the latest,

I will start at 7.110 and go up (lots of stuff below) and climb to 7.122 IF and only IF I run out of contacts where I'm at. 7.112 and 7.118 have been suggested as stopping points and 7.122 is the 49'er novice freq. I want to hear a 49'er from New Hampshire (my wife's home state, maybe then I'll get to play more).

Mountain Daylight Time Schedule

Tuesday October 8th at 7:00PM through 9:00pm starting at 7.110MHz

ZULU, UTC, GMT Time Schedule

Wednesday October 9th at 0100 through 0300 starting at 7.110MHz

And I thought it was difficult to organize a birthday party for a 5 year old. At least everyone was in the same time zone.

BTW - KEYERS are not allowed - I don't have one so you can't use one (JUST KIDDING)

de KB0ROL, Brad

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [1352] FOX-3, K5ZTY-0
Message-ID: <18554@sugarland.ampr.org>

I didn't even get a smell of tht first two foxes, but I heard Brad loud and clear for about 10 minutes. Then at 02:00 I lost him just like he went off the air, and never heard him again. He had a huge pileup going when I heard him. Enjoy it Brad, most hams never get to be on that side of the pileup.

72,

Bill, K5ZTY

ARCI #8817 NORCAL #1321 CQC #178 MI #1472 NE #440 QRP-L #473
WITHOUT CW, IT'S JUST CB

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Stew Whitehouse <76443.501@compuserve.com>
Subject: [1319] Frequency counters
Message-ID: <961008141523_76443.501_GHN120-1@CompuServe.COM>

Hi folks,

I have been looking at frequency counters and would like to get the opinons of those in the group who have experience with the S&S Engineering FC4 HF kit and OHR's DD1.

I'm looking for something to use as a general freq counter to use on the bench rather than for VFO readout on any particular rig.

Thanks for any comments,
Stew ke4yh
Dunedin, Florida

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996

From: "rohre" <rohre@arlut.utexas.edu>
Subject: [1344] Gulf Coast Ham Conv. -Houston??
Message-ID: <n1367326107.10850@msmailgw1.arlut.utexas.edu>

Have I got the date wrong, or is the 11, 12, and 13 Oct. the Houston Ham Convention at the Humble, TX Convention Center, one mile off Hwy. 59, North of the Beltway that runs by the Intercontinental Airport? It opens Fri. nite with an auction of gear. Good things have turned up here.

Although I went last year, I did not get a flyer this time, but saw one at a Radio Dealer recently. Did not hear it talked up at the Belton Swap Meet, (TX) last weekend either. Few seemed to know about it.

With no details, there was "QRP" listed as among the activities on the flyer.

They are having a Luncheon with an Astronaut speaking, and those presentations by NASA can be very interesting, worth the price of admission alone.

Haven't seen Ed N5EM comment lately on the list, and fear work has him too busy; but it is a nice convention venue, and last year was the first time for this new group to put something on. There were a respectable number of vendors, and factory reps. That is fortunate, and there is the potential for this to be one of the major regional ham meets; but if no publicity is given out to the groups most interested, [us], then it is hard to get a good turn out!!

Anyone from the Houston area care to fill us in?

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: GREGOIRE@ENDOR.COM (ERNEST GREGOIRE)
Subject: [1298] LIL RED KEY WAS RED HOT!!
Message-ID: <199610072314.TAA88899@nss2.CC.Lehigh.EDU>

The ARRL convention at Boxboro MA.

N.E. qrp club table,

The name here is Ernie,

I'm working the bunko squad with my partner Jeannette (XYL).

Not much relief here, Preston and Bill Acito stopped by to give me a break so I could look for more bunko at the other booths. Thanks guys.
O yeah, an old dude stops by, alias Bennington Bob. He has a fist full of club patches. I show him mine, sewn on almost every article of clothing I

have on. He smiles.

I have my stuff spread out on the table, Index rig, 40/40 rig in a nice Ten Tec case, Jade solar controller, solar panel and a little red key mushed on to the QRP+ .

It figures, all those goodied and what get's the attention, the little red key. I turn to my partner, she's taking information from a bystander. A hit and run, same complaint as usual, No news letter. She files the info. So , do you believe the attention that little red key is gettiing?

If I had a fifty of them I'd have sold them all. Then, out of the croud, he saunters up to the table. It's him, but I don't know it yet. He says "Hey what about that little red key there"? What's the score on that? I tell him the facts, just the facts, that's all. I say,"I don't remember who sent me the advertisement, It's a hot item, I say, and I thought the little red key was cool, so,I bought one.

(music plays, daaaaaah ta dumm dumm,daaaaaaaaah!!!)

He says cool as cucumber on ice, "It's mine, I did it". I can't believe my luck, It's him, right there in front of me, he adds, "It's my key". Your Gil Kost, I say. That's right he says. I turn to my partner,"Guess who this is"? I say. She screams when she finds out it's really him, the little red key guy. Right there, in person.

Just another day working bunko!
I shake his hand and we laugh and I say,
Gil, your a hot ticket.....fade to black

de AA1IK

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Denton Bramwell" <denton@cyber-west.com>
Subject: [1305] mods to whiterook paddles
Message-ID: <01BBB498.C3F71840@async4_routera_layton.cyber-west.com>

A couple of people have asked me about my post regarding adding silver contacts to the whiterook keyer paddles.... if you want to take me up on my offer of silver plated switch contact parts to use in the mod, just drop me an SASE at

Denton Bramwell
2853 E Country Oaks Dr.
Layton, UT 84040

Basically what I did was replace the center contact on the iambic paddle with a brass post, to which I had soldered two semicircular scraps of contact material, forming a ring around the post. Then I ground the heads of the contact screws a little flatter, tinned them, and soldered a small square of contact material on each head. Then I shimmed the screws to adjust the gap to suit my taste. The difficult part is doing all this without getting any solder on the contact surfaces.... if you do that, the contact is spoiled and you have to start over.

If you have a drill press, and a tiny bit, it would be feasible to use the tiny silver plated rivets that are used on rotary switches, and make contacts out of those.... if you want to try that, mention it, and I'll toss in some of those for you to experiment with.

Denton
K7OWJ

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [1331] Murphy's
Message-ID: <199610081703.MAA14152@spd.dsccc.com>

Jim Wilson-EJW012 <Jim_Wilson-EJW012@email.mot.com>
recently asked (jw>)
jw>
jw> Anyone have a phone # or email address for Mike Murphy of Murphys
jw> Surplus Warehouse? Thanks, jim
jw>

This was recently posted by Chuck Adams (ca>)
ca>
ca> Murphy's Electronic & Industrial Surplus Warehouse
ca> 401 North Johnson Ave.
ca> El Cajon, CA 92070
ca> (619) 444-7717
ca>
You'all are welcome.
Charles Cashion, w5isz

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: JCoote@aol.com

Subject: [1348] Need Gateway calls list

Message-ID: <961008202417_329089261@emout17.mail.aol.com>

I'm looking for listings of 1x3 and 1x2 callsigns in the 6 call area which have not been taken. Could someone e-mail me a recent listing? (Or the last listing before the gate opened)

Thanks & 72

Jay

WB6AAM

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996

From: AlexQRP@aol.com

Subject: [1310] New Antenna or Band condx??

Message-ID: <961008010840_328331765@emout14.mail.aol.com>

Hello All,

Here in Denver for a sales meeting but thought I'd ask a question or make a comment or????

Yesterday(Sunday) I put up my first, in 33 years of hamming, delta loop cut to length for 40m, but fed with 450 ohm ladder line. Only tried it Sunday nite and today before going to DFW Airport. Seemed to work like a champ on both 40 and 30m, at least better than the Butternut HF-6 that is now laying on the roof of my house. The loop is broadside NE-SW, and it appears that my 2.5 Watts from the Ic-738 is getting out tremendously well, even got a question from one of my contacts to the effect of "Are you really running only 2.5 watts?"

Now sitting here in the hotel room I'm wondering if its REALLY working that well or were the bands in exceptionally good shape?? Any comments?

Thanks for the space Alex WA5UNY QRP-L 334 ARCI 6263

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996

From: "John Shuster" <jshuster@ix.netcom.com>

Subject: [1340] New OHR SCAF Info

Message-ID: <199610082154.0AA26295@dfw-ix11.ix.netcom.com>

I checked with Dick at OHR today to get the scoop on the new SCAF:

1. Rear audio jacks are board mounted - less wiring in construction.
2. When you turn the SCAF off, the audio is routed around the filter and

continues

to go to your phones or speaker.

3. Same basic SCAF circuit and performance, except for the above changes.

John

++++++
Father John Shuster, Married Roman Catholic Priest jshuster@ix.netcom.com
Need A Priest? Rent-A-Priest! 1-800-PRIEST-9 A Free Referral Service
At the foot of the Olympics in little Port Orchard, WA
KC7CKP AE ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++++

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Patrick Franzis <franzis@gdc.com>
Subject: [1327] Norcal QRPp Subscription info needed.
Message-ID: <Pine.SUN.3.91.961008112955.1088C-100000@esun212>

Hi All,

Could someone please email the details of how
to renew my Norcal QRPp subscription? I let it expire
for a while and lost touch.

Thanks, Pat n1ocj

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [1338] NW-20/40/80 THUMP FIX! (Long)
Message-ID: <199610082135.PAA10498@zia.aoc.nrao.edu>

When I was at Dayton, I was approached by several people asking if
I knew the cause of a "thump" on key-up on the EmTech NW series
rigs. This was curious, as my NW40 does not exhibit any funny
noises during keying. Finally, Preston Douglas WJ2V sent me his
NW20 and NW80 ... which indeed are champion "thumpers." But they
did allow me to finally find the problem(s) - which are applicable
to other rigs as well.

1. LEAKY DIODE D1 (1N4148). This is the keying diode that biases the FET audio mute switch. It is located next to the VFO tuning capacitor, behind the audio pot on the board. On two of the rigs I checked, this diode was leaky and not allowing the FET mute switch to go into full turn-off on key-down. REPLACE WITH A 1N4001. Roy at EmTech now supplies a 1N4001 for this diode in his kits. I just snipped D1 off the top of the board and soldered the 1N4001 on the remaining leads to avoid disassembly of the board from the enclosure.

MORAL: Ensure your diodes are diod'ing. On a DVM, the forward resistance measured about 60K vs. almost nothing.

While this fix cured a couple of the NW thumps, it did not cure Preston's thump.

2. RF PICKUP ON AUDIO FILTER OUTPUT. There are two flavors of the NW rigs with enclosures. One where the CW filter on/off switch is on the LEFT side of the front panel, and the other where the switch is on the RIGHT side of the front panel. Where the CW filter switch is on the RIGHT side, the wiring from the CW filter board (left side of rig) runs across the board to the right side, right over the RF stuff. This wiring acts as an antenna and picks up a bunch of RF on key down. The induced RF is applied to the FET mute switch (audio input) and fed back to the CW filter op amps. On key down, this RF charges up the filter output cap and the cap across the FET mute switch. On key-up, it takes 800mS for these caps to discharge sufficient to again pass audio. When the discharge occurs, there's a big appearance (thump) of audio. PLACE A .1uF CAP ON THE CW FILTER AUDIO OUT TO GROUND. To avoid disassembling the rig, I mounted the .1uF cap on the CW filter on/off switch ... wrapped one lead around the switch shaft for ground, the other lead to the switch terminal that receives the audio from the CW filter board. This completely eliminates the thump; a .05uF was not quite enough. Your mileage may differ. A .05uF will cause less audio attenuation if sufficient in your case ... although there's plenty of audio to spare.

The alternative is to add the cap on the CW filter board from the OUT terminal to ground. Works equally as well, but requires some disassembly.

Another approach on your NW rig may be to just route the wiring from the CW filter board to the switch by tucking it along the inside of the front panel so its not dangling in mid-air over the RF drivers. There was no thumping on those rigs with the CW filter on/off switch on the left, or just an inch from the

filter board.

MORAL: Be conscious of routing wiring in and around RF power stages. Bypass low-frequency or DC wiring if needed to keep the RF out.

I could not see this "thump" on the o-scope, making it even more frustrating. For your interest ... what I finally did is hooked up a square wave generator with a TTL (0v/5v) output to the key jack to key the rig. I slowed down the square wave generator until the thump appeared, which was around 12Hz. I triggered the scope off the square wave and used the 2nd trace to go probing around, mostly central to the FET mute switch. This is where I first saw the capacitor discharging 800mS later. Previously, I was probing around while tapping the key, and 800mS was just off the sweep, and because my "tapping" was asynchronous, was not able to see it. Triggering to a stable square wave, allows one to see what is happening many milliseconds (in this case, almost a second) later. At 20wpm sending the character "V", the thump would occur only after the "dah." However, the scope would trigger on the first dit and the problem occurred long after the sweep finished. Slowing the sweep down to the "seconds" range, the discharge pulse was just too narrow to see. Thus I took a square wave generator triggering on the falling edge to see it. I offer this explanation due to the several emails I've received how people can hear the thump, but not see it on a scope.

I might add, both of Preston's NW rigs were well built, good solder joints throughout, tight toroids, etc. It was just a serendipitous routing of switch wiring that caused RF to be induced during transmit, and a leaky diode.

NW owners with the thumping ... check diode D1 for proper switching action and that the audio input to the FET mute switch is free of RF by bypassing as described above. This does seem to be specific to those using the CW audio filter with the filter on/off switch located on the right side of the front panel. Once rid of the thump, you will also find the variable IF filter and the CW audio filter work much smoother together for tighter/quieter bandwidths! If you have any questions, feel free to email me about it, or the designer, Roy W6EMT at roygregson@aol.com.

Finally, though I misplaced his calls, I would like to thank Bob Barry for also discovering the leaky diode part of the problem with a rig or two on his end. While I had found the problem, I wrote it off as a once-in-a-lifetime failure. Through email, it became evident Roy had received a bum batch of diodes. The power of QRP-L and internet strikes again!

GL, Paul NA5N

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: kf2ph@juno.com (Nick Franco)
Subject: [1314] NW-8020, Roy Gregson and FoxHunts
Message-ID: <19961007.234213.9158.2.kf2ph@juno.com>

Hi all,

I built my NW-40 several months ago and ran into some self inflicted snares along the way. However, when I was finished, I had a nice little rig to play with. I didn't use it often as we all were gearing up for the Tmps this summer. Every time I turned on the NW-40 I would have considerable drift problems. When I worked some he/she would have to chase me up the band as I transmitted. It didn't seem to go away by leaving the rig on either.

I wrote to Preston and Bob Kellogg about this problem and they gave me some pointers and things to try. I was getting frustrated and then the thing that pushed me over the edge, I got picked to be one of this year's foxes. I couldn't fool around anymore. I had to go to the source even though I didn't want to bother Roy about this "trivial" problem, but I didn't know what else to do. I want to use my NW-40 for the Fox Hunts; that's why I built it. So I sent an email message to the designer and seller of this kit, Roy Gregson. He had helped me so much during construction and cockpit error phases by sending me parts and suggestions, etc. Well his reply was not exactly what I had in mind. He told me to package up the rig and mail it to him immediately. He felt my frustration and didn't want me to waste time with a trial and error approach. He fixed it withing a day of receiving it and sent it right back so I would have it in time for Fox season. My gratitude and admiration is in the form of this message to all you guys toying with the idea of picking up an NW8020 kit from Roy. DO IT! It's a great kit and you'll love the building approach (step by step) and of course the finished product, a real nicely working rig.

So when you guy come hunting me on Oct 22 at 0200 - 0400 UTC you won't have to chase me all over the band because of my drifting rig, just my poor operating skills :-). Thanks Roy and thanks QRP-L. I wouldn't even be trying building if it weren't for this group and the kits made available to us here. I'm looking forward to building another kit soon, maybe something for 80 meters. I only have my Pixie for 80 so far. I use my SW-30 in car on a daily basis. In fact, last week I worked Cuba and Bermuda in a pile up from the car on the SW-30 at 2 watts into my Hamstick. QRP is awesome, isn't it?

Well that's about all I have to say about that :-)

Have a great day gang. I don't post too much anymore since I moved from my work account to this Juno thing at home, but I seem to be getting more work done :-)

72,
Nick - KF2PH
Lucky QRP-L # 13

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Jerry Parker <jparker@fix.net>
Subject: [1346] October NorCal Meeting on the NorCal Page
Message-ID: <2.2.32.19961008234629.00c7ac28@fix.net>

Doug Hendricks report on the NorCal Meeting with Dave Utley's pictures taken with the new digital camera are on the NorCal Page.

<http://www.fix.net/norcal.html>

More pictures will be added later this week.

Enjoy,,,72,,,Jerry...K

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: JessQRP@aol.com
Subject: [1296] OHR 400 weird problem fixed and hurray for Dick at OHR
Message-ID: <961007185812_327918683@emout12.mail.aol.com>

Hi all,

Did you ever have one of those periods of time that nothing seems to go right? I have been having radio problems lately like you would not believe! First off, my main rig is a Kenwood TS140 that I purchased used for a good price about 4 years ago. Has run flawlessly until recently. I was running slow scan and the finals gave up. No big deal figured it was about due. Sent

it in to get it repaired and wait and wait and wait. I looked over at the OHR 400 that I built last fall when out of work with back trouble and figured "no big deal, I always have the trusty 400." Well, no sooner had I boxed up the TS140 and sent it off and flipped on the 400 for a bit of QRPing and nada. No sigs no power out nothing. Flipped the band switch and nothing changed. Sounded like the LO died. The DD-1 display showed no freq at all coming from the LO out jack. I fiddled and fiddled and could not locate the problem. Figured that it was about time for this one to go home and get itself fixed right. I called Dick at OHR and he said to send it along as it was still in warranty and he would let me know if there was a cost involved after he found out what was wrong. Off I go on a 2 week business trip. I called Dick when I got home and he said that he let it sit on the bench for 3 days straight and the thing never did fail. He poked and prodded, replaced a slightly curled dial pointer (free thanks Dick!) and said that he could not get it to fail. So, I get the rig unpacked at home after I get back and plug it all in and nada, zilch. To make a long story short (pun intended), I found that with the covers off and the rig open, it worked fine, with the covers on the LO was dead. Turns out that the case would flex just a teeny bit enough so that the band switch would make contact with one of the chassis screws when you tightened the covers. This was not a cover screw mind you, but one of the internal nuts that held the aluminum chassis together. Then I remembered in the manual that Dick warned about the clearance to the band switch. I repositioned the switch, put a piece of tape over the nut, and viola! in business, good as new.

I have seen a lot of discussion lately on which kit and Sierra versus the OHR 400. My vote goes for the 400. No band modules to change, no millions of toroids to wind, and for me I LIKE having the 10 watts there if I want it and can adjust down from there on the fly. Don't get me wrong, the Sierra is a FB rig and all of these rigs have their place. The Sierra would be the rig of choice if I were going back packing. I don't. The 400 is my QRP base rig. It has all of the bands that I work, great performance, as the diode ring mixer blows the doors off of the NE 602 based rig IMHO. The receiver is hot, plenty of output power, and 4 bands at the flip of a switch. The CW filter is nice and tight, and the rig just plain works. Yes there are a few internal wires, but so what? Makes it easy for repairs. Yes it is a bigger radio and does not back pack well. Again, so what? I did not buy this radio to pack back up in the woods. BUT, have taken it along for camping and trips to the mountains to the cabin, and I have never complained about the size. I have four bands in one rig, where as before, I would take two or three separate single band radios, so I am actually saving space. And what about all the people that pack the QRP+? The 400 is not much different in size as it and I never hear anyone complain about the size of it. And all of this hoopla about battery drain is moot for many of you and you know it. I know that we like to throw around numbers about battery load and use and such, but let's get real! I take along 2 6ah gel cells when I take the 400 tripping and have NEVER even drained one of them. This is the kind of operating I do and I suspect that if we were to ask that there are not that many guys out there that do all of

their operating in a back pack save power environment only. It just cracks me up to think that there are people out there extolling the virtues of the super low power drain of their rigs and typing away, while under the bench running all of these micro amp rigs is a mother of a 40 ah deep cycle battery just in case the power goes out for a year!

Understand that this is all tounge in cheek, but reality all the while. I would suspect that there are a bunch of low drain rigs out there that never get moved off of the operating position at home that were purchased for the low power drain and will never see the light of back packing day. These are two seperate use rigs and for two seperate markets. The Norcal rigs and the Wilderness radios are wonderful radios but there are seperate uses for them and design intentions that were different. A lot of these overlap, you can use your Norcal 40 for back packing and also at home, the Sierra the same. But if you are like me and your idea of camping is a 35 foot motor home or a cabin in the woods, then the extra power that the 400 provides without having to pop band modules in and out was just the ticket for me.

Well, I have rambled on enough, but one other thing. I just cannot say enough about the support that Dick gives at OHR. What a nice supportive guy. He checked my rig for free and then even sent it back shipping paid. This is not the norm in todays biz world. The same can be said for Dave Benson, Wilderness Radio, the Norcal club, all of the rig providers and kit suppliers. This spirit of cooperation and hobby support is what it is all about and what QRping is all about. It is the people that run companies like OHR and the rest, and the folks on this list that make QRping what it is. Fun and great people.

Lets drop all of the unimportant crud that has been going on and get back to what matters. Good rigs, good people and the best part of Ham radio, QRP!

Best to all
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [1307] OHR Group Buy Update
Message-ID: <199610080424.VAA10092@dfw-ix9.ix.netcom.com>

To All:

To date, we have about 25 kits ordered in our group buy.

I am surprised at the number of SCAF's that have been ordered. I guess with the discussion about Radio Shack DSP and other signal isolating devices, there's been a surge of interest in this area of our hobby/addiction.

Phil Wheeler wrote the following about his SCAF and gave me permission to use it in this update:

```
>
> OTOH, I really make use of the SCAF (kit from OHR). Really pulls the
> signals out of the mud when needed and NO ringing. In tightest setting
> it can separate the mark and space on a RTTY signal. If you haven't
> tried it you might want to (especially with the group buy someone
> announced recently).
>
>Of course. I'm really high on the SCAF. In fact I'm thinking of getting
>another one and building it into my Sierra...gotta look at the space,
>tho.
>
>For CW the SCAF is every bit as good as my JPS NIR-12 DSP unit...but a
>lot less expensive and (at 60ma vs. 1 amp) a lot more power efficient.
>
> By the way -- I have no association with OHR, other than as a consumer.
>
> Phil W7UOX
>
```

I've ordered one of the new ones that Dick says he has improved. Maybe I can get some specific details on the changes and their significance and pass them on in the next update.

Group Buy is on until Sunday night. If you need a copy of the original announcement, let me know.

Live to build, build to live,

John

```
+++++
John Shuster      jshuster@ix.netcom.com
QRP rigs at the foot of the Olympics in little Port Orchard, WA
KC7CKP AE  ARCI 8951  QRP-L 554  ARS 36  NW QRP 346  WWDXC  ARRL
+++++
```

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [1322] OHR group purchase
Message-ID: <2.2.16.19961008103650.1cd7e586@nbn.net>

Sorry for the bandwidth but I killed off the original message by accident

Could someone please send me the post on the qrp-l OHR group buy and how to go about it.

Thanks,
Tom
WA3REY

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Jim Wilson-EJW012" <Jim_Wilson-EJW012@email.mot.com>
Subject: [1330] Phone# for Murphys Surplus Warehouse?

From: Wilson-EJW012 Jim on Tue, Oct 8, 1996 12:35 PM
Subject: Phone# for Murphys Surplus Warehouse?

Anyone have a phone # or email address for Mike Murphy of Murphys Surplus Warehouse? Thanks, jim

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Jerry Finsen <GFINSEN@PFS.COM>
Subject: [1335] QRP Equipment Help
Message-ID: <325AD034@GATEWAY.PFS.COM>

I am interested in playing around with QRP. I am interested in CW only and am looking for advice on equipment.

My first problem is that I don't know enough about QRP to know what the questions are. I am somewhat new to HF ham radio. What I know I want is CW, and VERY portable. I would like to be able to take it on business trips and set up in a hotel room. It is amazing what gets packed into a small VHF HT package --- anything like that in HF CW QRP?

Single / Multi band - not sure that I care at this point. I just want to be able to make CW contacts.

QRP or QRPp ? Not sure. Being VERY portable may dictate a less than optimal antenna. Seems like antenna possibilities will help dictate the answer. Will QRPp and a portable antenna get me out further than the guy next door ?

Any, and all advice is welcome

Thanks

Jerry Finsen
KB2VIT

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Jerry <frog@sd.cybernex.net>
Subject: [1328] QRPP
Message-ID: <199610081540.KAA27045@pinto.sd.cybernex.net>

Has the Sept issue of QRPP come out yet? I was just wondering, because I have not got mine yet.

Jerry -- NR5A

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Doug Hendricks <ki6ds@TELIS.ORG>
Subject: [1311] QRPP Mailed Sept. 23rd
Message-ID: <3259E1BF.2A2C@telis.org>

This is not a complaint or a flame on anyone, just information for those who need it.

Guys, QRPP was mailed on Sept. 23 the usual way. US addresses get it bulk mail which will take from 1 to 6 weeks depending on where you live. DX and Canadian subscribers get theirs via Air Mail (they also pay 50 to 100% more than US subscribers do). No, I will not take extra money to mail US subscribers first class. I am already spending 16 hours getting it ready to mail, and don't want or need any more complications.

Today I got 32 messages from you saying that QRPP has not arrived. If you will check your expiration date on your last issue, you will know if you have expired. If it says last issue June 96, then yes you have an expired subscription. If it has a later date, you are ok. All but one of the messages today were from guys who were current. When I get a message, I look you up in the data base, find out you are current, and that means that QRPP was mailed to you. So, I then write a message that says, yes you are current, and QRPP was mailed on Sept. 23rd and it is in the hands of the US Postal Service over which I have no control. It may not seem like a lot to you, but try doing it 32 times. Please, you can save both of us a lot of time by looking at the label on your last issue. If your sub has not expired, you were mailed an issue and it is on its way.

We do not print a large number of extras, in fact, I came dangerously close to running out this time as we had a run of late subscribers and all of the extra copies for September are now gone. Please remember to renew your subscription, that is what the red note means, time to renew.

With that all said, if you have a problem with your subscription, please let us know and we will take care of it. By a problem, you subscribed before Aug. 15 and have not received an issue yet. NorCal will make sure that you get every issue that you pay for, but we do make mistakes and ask that you be patient with us. I hope this will answer some of the questions that you have. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "duane" <duane@flinet.com>
Subject: [1309] schematics
Message-ID: <199610080454.AAA04485@shell.flinet.com>

Its been a while since I first posted this message so here goes again. If anyone has any schematics of their own that they would like posted on my web site please send them to me via email. my site has a page setup for this. you may want to post tx ,rx, antennas or what ever for others to see, use, improve upon ect. my page is at
<http://www.flinet.com/~duane/> and follow the link.

thanks

Duane AB4BE

<http://www.flinet.com/~duane>

duane@flinet.com

ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Dick Schneider <74602.3317@CompuServe.COM>
Subject: [1306] Serria - On The Air - Power Question
Message-ID: <961008041816_74602.3317_EHH63-2@CompuServe.COM>

Well, I finally stopped the procrastination and pulled the Sierra Wilderness kit from the shelf last week. Started Friday and finished Sunday with one band module (40).

A unique experience -- the rig worked, first time out!

Initial QSO: Larry, NF0Z, working his new Scout -- across town only, but the

Sierra sounded just fine. Next, we'll venture across a state line for some QRP DX!

BUT -- one observation. My output reads at just over 1 watt. I was hoping for 2 or better.

Any ideas on Sierra power?

72 Dick AB0CD..

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: WJ4PRandy@aol.com
Subject: [1323] Sprint "Beacon"
Message-ID: <961008103858_328565727@emout14.mail.aol.com>

My sincerest apologies to anyone who tried replying to the "WJ4P CQ SP Beacon" last nite!! I had a local noise level that was unprecedented in my 8 years at this location.

I did manage to qso with an unsuspecting fellow in IN who replied "I don't know whats going on but"... and gave me the exchange.

The "Patience of Job Award goes to WORW who must have spent an hour trying to qso me. We made it just as condx were improving. (the rain stopped?)

This prompts one request for a modification of the rules:

How about having the Sprint run for several hours but each station can only operate 2 consecutive hours. Condx at my qth have typically been better later in the evening and it would be nice to catch some of the west coast stations.

As usual it was fun!

73, Randy WJ4P

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: w8lrm <w8lrm@qtm.net>
Subject: [1343] SST
Message-ID: <325AE301.A51@qtm.net>

Hi Gang

Guess I missed something along the line or erased something. What is the SST ?? Keep up the good work here on the list, I enjoy all the info and comments.

73/72...de....W8LRM

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: BOB KELLOGG <ae4ic@nr.infi.net>
Subject: [1297] SST Board Size
Message-ID: <199610072303.TAA21566@mh004.infi.net>

Gang,

The SST will not and should not be designed by committee. Since there have been comments about making the board large enough for mods, however, further discussion is warranted.

I think the board should be made as small as is consistent with good design and assembly practices, but not any bigger. -- Unless there are optional accessories or mods planned in the design.

One of the things I enjoy about current QRP board designs (compared to many we find in "Solid State Design", "QRP Classics", etc.) is that the boards are much more compact and can be fit into a variety of small cases.

It is true that there will probably be a lot of Mods to the SST. Part of the fun and challenge of making the mods is figuring out which traces to cut and how to fit the additional parts on/under/over the board.

Just my 2 cents worth.

CUL,

Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: bfollett@ditell.com
Subject: [1329] SST Design Size

Message-ID: <199610081625.KAA12089@orion.ditell.com>

SST Fans:

Tony, from the Land down under, wrote:

<< Mount the little SST board on a bit of copperclad and spill over the sides if need be for the add-on bits.
>>

I'll go one step further. I like small. I want a pocket radio, I like my resistors vertical :-). However, why not just extend one or both ends, or one side, of the PCB with 1" of groundplane. Nothing on it. If someone needs room to add, they could dead bug, or segment the groundplane and drill holes, or if really fancy, drill holes with isolation pads.

Those that want compact, can just cut off the end(s) and stick with the small form factor that Wayne intends to use. (I already have a LMB 2 x 4 in my inventory, so bring on the kit!)

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Edward J. Warhover" <kf9xy@apci.net>
Subject: [1347] St. Louis Tuner panel
Message-ID: <199610082354.SAA20765@hilly.apci.net>

HI Gang,

Some time back, some kind soul on the list offered to send via E-mail a sheet with 2 copies of the front panel for the St. Louis Tuner, which he had done up using Windows Paintbrush program. I've just started building mine, but don't remember who that person was. I'd be extremely grateful if that person or anyone having information about it would let me know.

Tnx es 72,
Ed KF9XY

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [1350] TESTING AGAIN, IGNOR PLEASE
Message-ID: <Pine.GS0.3.95.961008211437.22431A-100000@oscar.teclink.net>

Provider has been working on the system again; it was broke.

Mike Duke, WB5ADC, Jackson, MS

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [1326] THANKS FOR GROUP BUY INFO
Message-ID: <2.2.16.19961008111016.222f8938@nbn.net>

Thanks for the OHR group buy info. I received several reponses and will keep them in separate files and not delete them as before....

73,
Tom
WA3REY

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [1300] The NE-4040 Lives
Message-ID: <199610080017.RAA17643@sierra.psnw.com>

I'd like to thank all who responded to my request to find a cure to an instability problem in my built-from-scratch NE-4040. I'm happy to say that the addition of a 0.1 uFd capacitor from the top of L4 to ground fixed the problem. The output is now clean and stable. In fact I just finished a *first* QSO with KH6AAU who reported my 1 watt signal was registering S-7 on his S-meter. He was in Las Vegas so it wasn't more than a few hundred miles but it sure put a smile on my face. Again, thanks to all. That goes double for Dave Benson who came to my rescue. There is no finer group than this.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: rflight@VNET.IBM.COM
Subject: [1336] The old and the new... a QSO (a bit long)
Message-ID: <199610081928.PAA55189@nss2.CC.Lehigh.EDU>

Hey Gang;

For the benefit of those on this list that "romance" the exploits of QRP, I just hafta relate the following:

It was just past 5:00 AM when I awoke Saturday morning October 5, 1996. Although Saturday mornings are traditionally reserved for sleeping late, I was restless. After a few brief minutes of attempting to regain my former state of slumbering vegetation, I was compelled to abandon that endeavor, and go into my shack to see what might captivate my attention at such an early hour.

Obviously lacking somewhat in ambition, I parked myself at my desk, made a few squinting gestures to my rig (an IC-735) in a half hearted attempt to bring it into focus, and in an almost unconscious but deliberate reflex, set my index finger on a collision course with the power switch.

In a instant, the speaker came alive with white noise, while the display cast a subtle green glow behind the digits 3710.0 in big enough digits that my eyes could now converge. Consciousness was beginning to engulf my physical being as I began reminiscing the Knightlites Net that occupied the frequency last Sunday evening when I last had an opportunity to get on the air. My remaining fingers began taking flight, as my mind began executing the process of synchronizing my motor functions with my aural senses.

A CQ at 20 over S-9 was beaconing when I found myself alert and ready for action. I was awake now, and WA9BYZ was looking to chat. I didn't quite have a handle on the QRN at this point, so after kicking in my ALC sidecar to put my rig in QRPp mode, I cranked the power up to 250 mw and gave him a shout. Paul was running a Ten Tec Omni at full power, but became entranced with my 1/4 watt signal. He then cut his power to him minimum level of 7 watts, and we proceeded to chat from 5:24 to 5:58. He was in Evansville, Indiana and gave me a 469 report. Even at 7 watts, his signal held steady at 10 dB over S-9. I spent a few minutes pondering the achievement, and reflected on how as a novice in the mid 1960's I used to call CQ for hours while running 75 watts (DC input in those days) without reward. This probably translated to 35 to 40 watts output power to the antenna. Now I rarely call CQ, and with 250 mw to my dipole, I only occasionally fail to make a contact.

My ricebox gives me a bit more latitude over many of the "designed for QRP" rigs in that I have the full band at my disposal. If there doesn't happen to be any action in the QRP slots, I drift down into the QRO turf, and scout out some of the ether burners looking for company but showing no apparent signs of achieving any success.

It wasn't long before I spotted a station running 40 dB over S-9, and located in the sweet spot of my antenna. I could barely complete the second repeat of his call, when I heard his CQ crashing in on top of me. After 4 or 4 attempts to get his attention (I think at 100 mw or so by this time), I concluded that he wasn't listening for anything short of armchair quality sigs, and abandoned my efforts.

Finally; I landed on a CQ running about 15 dB over S-9 on 3546.7 KHz. I was feeling a bit fiesty by this time, and decided that I would see if he was listening. Running just under 50 mw to the antenna (I like to be conservative), I responded with: K3DZ K3DZ de N3GO N3GO k

Much to my delight; I heard that beautiful sound: N3GO de K3DZ RST 339 Noisy QTH Pittsburg, Pittsburg name Frank Hw?

I of course passed on all the "formals", and his next response brought tears to my ears:

"Ur kidding Gary fifty milliwatts HI FB etc... "

But the best was yet to come:

"Using old design gear xmtr / TNT push pull osc direct coupled xmtr 2W out 2W out... xmtr frm 29 1929 design HI - Rx Rx 1936 36 36 three tube regen regen rx HI... Boy Gary ur 50 mw fb fb hw cpi?"

Having successfully established a complete 2-way QSO, I offered to QRO. Frank's response: "No fb so long as you repeat HI"... What followed was a QSO that ran more than an hour, with Frank catching every detail, and with my cranking out only 50 mw.

He was curious about my IC-735, but "know about dipoles HI thot u gonna say coat hanger ant HI... Never heard about Knightlites net - gess the net is a bunch of flea pwr QRP stns HI."

He must have thought my IC-735 was some kind of "Integrated Circuit": "Say Gary watch the harmonics from the square wave from that IC HI" Of a North Carolina based Official Observer who frequently sends him "both good and bad boy" OO reports: "Yes that OO in NC gives me bad boy report when I use direct coupled osc xmtr when wind jerking my ant arnd HI. Maybe he picked U up on six meters, or channel 11 with that square wave HI"

As the QSO evolved, Frank proceeded to demonstrate how his rig could be tuned by passing his hand next to the tuned circuits. He told me how he likes using the old "basic" rigs, but that he can't use the transmitter during breezy and windy conditions because the antenna sway pulls the frequency too much. "Boy snds like frost melting off feeder es ant... herd ur freq shift on me Hi This xmtr can even detect my dog walking under the ant HI"

He continued, and described his station, and said that he was going to see if he could get into the Knightlites Net, but would have to go to another old time 2 tube rig which is easier to tune up, and doesn't suffer from antenna sway.

He described a 40 meter QRP QSO he had several years back with an Arizona station running 100 mw to a short helical vertical. It was that QSO that motivated him to stop collecting parts for a Kilowatt amp. He's been in QRP for 5 years, and never runs more than 40 watts often less than 5 watts. Definitely one of us eh gang?

The QSO ran from 6:23 AM to after 7:30 when we started to sign. I bumped my power to 7 watts to ask that he send me the details on his station so that I could investigate getting it posted on the WEB. When his ears stopped ringing (Sorry I forgot to warn you Frank!) he graciously offered to send me the info upon receipt of a card with my address... Even his callbook is vintage (aka 1994), and he didn't have my Raleigh, NC address. I could have sent it to him at 50 mw, but heh???

I was disappointed that I didn't hear him check in with the Knightlites last night, but somehow... I know he was there trying!

72/73 de N3G0 - Gary - "The" low down in Raleigh, NC.

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [1316] Use of big tuners for QRP
Message-ID: <Pine.BSI.3.93.961008072526.23858A-100000@u1.abs.net>

Glenn--here's the article from The Milliwatt that you asked me to find for you. It was good advice in 1970, and still is today :-)

HUNTING FOR LOSSES

By Bob Schoening, W0BE (SK?), April 1970 issue of The Milliwatt

It is obvious that if a 100 watt rig is 30 dB over S9 on a reasonably calibrated meter, a 100 milliwatt signal will read S9. So often we find that the low power station is weaker than he should be in regard to this ratio, and we wonder whether the S meters are wrong, or whether some magic threshold exists in the ionosphere. Actually, neither is the case.

We are conditioned to the thoughtless use of "low power" coaxial lines, "low power" antenna tuners, small wire which would burn up at KW levels, and other lossy components, with low power rig. The QRPP station won't arc across bad insulators, nor burn up bad connections, but the losses in the coax, the antenna tuner, the wiring, and the bad insulators or connections subtract just as many dB from a one watt signal as they would from the kilowatt signal (provided the kilowatt rig would tolerate them). For good signals with low power, use the largest coax that you can afford, use the KW-size tuner, and observe the same precautions in wiring and insulating as if you were going to run several KW.

If you don't own a high-power rig, borrow one sometime, or take your tuner over to a friends QRO station to test it out. If anything overheats, arcs across insulation, or otherwise misbehaves at high power levels, correct it before you try serious QRPP operation. Stay away from "ten watt" antenna tuners, wind your coils with #14 or larger wire, make good connections with a lot of solder--remember that power losses cannot occur in pure inductors or capacitors, only in their resistances. If all the avoidable losses are eliminated--naturally some are unavoidable--the dB scale will work in your favor and the extra efficiency which is available from transistor finals can be realized.

A good many 100 watt rigs on the air are considerably less than 20 dB over a good 1 watt transistor rig, and watching the S meter for a while convinces us that when conditions are good, 20 dB is not too important. When conditions are bad, however, a few dB might make a big difference, but these are the nights when the QRPP operator can read good books, build new equipment, or engage in philately, clock collecting, or girl chasing; an amateur is balanced!

--Bob Schoening W0BE

>From The Milliwatt (National Journal of QRPP), April 1970. The author appears to be either a silent key or no longer a ham. A search of the QRZ? online callbook database in Oct 1996 failed to return the call sign, and the 7 hams with that last name are obviously different people.

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [1301] USPS Stikes Again!
Message-ID: <199610080037.UAA14424@mail3.voicenet.com>

Gang,

Sometimes you just can't win.

The October issue of the NEQRP newsletter '72' carries a blurb about the NEQRP 20-30 portable PVC mast semi-kits (Club kit) and the Gusher-II one-pound QRP antennas that I offer. The editor put it on the most visible place, the bottom of the rear cover.

Unfortunately, it's too visible! Although the cover has a clearly marked and "T0" address block on the cover, they saw my address on the rear and sent several journals intended for others to me...

So if you didn't get your '72' yet, hang loose. I'll mark them "sent to wrong address" and put them back in the mail.

BTW, if you want to build your own Gusher-II, there's an article on its construction *inside* starting on page 18. And if you want me to do the work, ask for details via e-mail at:

n2cx@voicenet.com

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [1315] vanity callsigns
Message-ID: <325A0788.4EA0@amsat.org>

I have been checking the latest callbook changes on an almost daily schedule. Havent seen any of the recent "gate" changes yet, but I do see a good number of Upgrades and New Licensee.

here is where I go to check out just what it is that the FCC is doing on a daily basis:

http://www.lantz.com/htbin/cbs_today

73 de Phil

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Mike Rhodes" <weightdn@bright.net>
Subject: [1351] W8DN 2 -- FOX 1
Message-ID: <199610090255.WAA20224@brutus.bright.net>

Hallaleuja!! After hearing absolutely nothing from Wisconsin last week I figured my first successful attempt at QRP FOX hunting was just beginners luck and the rest would be downhill (of course the season is young too so we may still go that way). After listening on and off for the first hour and a half and hearing nothing, I was even more convinced! Then, there he was, and loud too! Relatively speaking that is. Thanks for the Q Brad. I didn't stick around but what I did hear promises a bright future for your CW career. Super job and keep up the good work! The antenna work must have paid off because you were Q5 copy in Ohio.

72/73 de Mike / W8DN
weightdn@bright.net

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: [1318] WTB: Norcal or Wilderness Sierra
Message-ID: <199610081330.AA27286@cardamom.unx.sas.com>

Folks,

Anybody have a Sierra that they would like to part with because they just love to build them and want a new one with the new KC-2 in it?

If so, I'll buy your old one to finance the new one.

cheers - Warren

--

Warren E. Lewis	saswel@unx.sas.com
Technical Support Division	(919) 677-8001 x6542
SAS Institute Inc.	PP-ASEL
Cary, NC	AD4ZE QRP-L#78 DOD#0021

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Brian Mileschosky <n5zgt@swcp.com>
Subject: [1341] Re: "C" Beacon
Message-ID: <Pine.SUN.3.91.961008160807.1075A-1000000@llama.swcp.com>

Hello Everybody,

It might have also been a person doing it on purpose since there was a contest going on...I say this because during the QRP Afield last September, I heard a rapid repeating "T" on 20 meters. Who knows!
72,
Brian, N5ZGT

On Tue, 8
Oct 1996, Dave Axe wrote:

> Tom, N9DD, wrote:
>
> >Did the rest of you hear the "C" station?
>
> Yes, I heard it here in western Washington too. It was weak with long fade
> period QSB. Peaked to about strength 3 during the Sprint.
>
> 72 de dave, W7AGJ
> Dave Axe, Satscan Corporation / Cascade Technology
> PO Box 1109, Sultan WA 98294-1109 (360)-793-3433 FAX: 793-0359
>
>
>

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Basil Arrick" <basil@mail.airmail.net>
Subject: [1342] Re: 49er Mobiling Wednesday
Message-ID: <m0vAkZX-000Fb2C@mail.airmail.net>

jim hale said:

> Well, I had so much fun last week with my 5 mobile QSO's that I'm
> takeing my 49er for a ride again tomorrow, wednesday Oct. 9th. Please
> look for me! I'll be near Fayetteville, Arkansas calling CQ between
> 22:30 and 00:30Z on 7.040 - 7.045MHz.

Well, finances willing, I might purchase a 40-9er kit within a month or so. Most of the operation will probably be mobile. Between home and work is a 1 hour drive or longer (usually longer, sometimes 1.5 hours). Therefore, I get bored. So, I'm going to get a Ham-Stick or something similar, a 40-9er, feed the audio into my truck stereo, and copy code while driving (currently, I'm not sure I could copy "CQ" ;-(It's been a few years since I've used CW). When I'm comfortable, I'll be transmitting, also.

My schedule is something like:

Mon-Fri 0730-0845 Central Time (Almost never varies, maybe +- 5%)
 0600-0900 Central Time (Depends on when I leave work)

I'll be glad to set up sked with people once I get going (early December?). 99% of my time is spent in EM12 and EM13, both very heavily populated with hams (Dallas/Ft. Worth Metroplex), so the grids won't be rare or anything. But, if someone wants to chat, then we can try for it.

> My 49er now has two simple modifications it didnt have last week. The
> LM380-N audio mod, and the offset mod posted by WJ4PR. Both work very
> well, and make the 49er allot easier to use. 72/3'z de Jim - AR-QRP #2

Isn't there a web site with a bunch of 49er mods on it? One things I may do is put together a small 5W RF amp for it to overcome the limitations of the mobile antenna for 40m. Or, can this mod be made directly to the 49er? Mine won't be in the Altoids tin (I think that's goofy, personally), and will be in a larger box (6"Wx2"Hx6"D or so?). It would be great to put a switchable 5W RF amp in the box also and have a low power (i.e. 49er only) and high power (i.e. 49er with RF amp switched in) switch. Anyone else done this?

Basil (Darin) Arrick, KB5KHR
basil@turn.com

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: watkins <watkins@socketis.net>
Subject: [1302] Re: 5 to1 switch
Message-ID: <3259B2C3.721@socketis.net>

Hi, Bill,

>I have a good quality, B&W (?) 5 position grounding
>antenna switch. I'm considering running the rig-side output from the
>tuner to the input of the 1-to-5 switch and using it to connect to the
>QRO rig as well as my QRP rigs.

Why not? I've done the same with my QRP and QRO rigs - an Alpha Delta
4 to 1 switch selects between three rigs, and the switch on the antenna tuner
selects one of my two antennas. Alpha Delta states the loss for the switch
as .1 dB, which I feel is worth it, as both QRP rigs are 5 watt jobs, not
milliwatters, for whom I might go to the trouble of reconnecting my feedlines

Daniel
ab0al (this week)

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1333] Re: =?UNKNOWN-8BIT?Q?Phone=A6?= for Murphys Surplus Warehouse?
Message-ID: <199610081714.RAA29884@chuck.dallas.sgi.com>

Jim,

Murphy's Electronic and Industrial Surplus Warehouse
401 N. Johnson Ave.
El Cajon, CA 92070

(619) 444-7717

I highly recommend this place as I bought 11,000 1/4W
resistors for about \$100 USofA currency. They came
150 resistors per value with the dual tape auto-insertion
machine ready form factor.

These resistors all had shiney leads. One of things that you
can tell about kits, etc. is if the parts are surplus and/or
old if there is corrosion on the leads.

Oh, that's a lifetime supply of resistors guaranteed. :-)

I thought that I was going to have to read the color codes
to sort them. Someone had already written on each tape

the value for the 150 resistors taped. Saved me a LOT of time.

I also used the coin envelopes to sort each value and file away in plastic shoeboxes from the Container Store. Box called 'my box' and costs \$1.29 each. Takes four of them to hold all the envelopes. See "Hints and Kinks" by C. Adams and P. Harden.

FYI Gang,

: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Robert Paschal <r-paschal@worldnet.att.net>
Subject: [1295] Re: Copper Top Tester Wattmeter?
Message-ID: <19961007223215.AAA3157@LOCALNAME>

Randy,

Good idea. See page 26.10 of the 1995 ARRL Handbook under heading - Sources for RF Ammeters - covering use of Copper-Top battery testers as RF Ammeters.

Bob - AA0MC - Lakewood, WA

At 12:21 AM 10/7/96 +0000, you wrote:

>I was about to throw out a 9 volt battery
>package (Duracell) with the battery tester
>on it and decided to cut it out to have handy
>for testing the errant 9v battery or two ...
>I've been going through a few lately operating
>the 40-9er I just built. What a great "novelty"
>radio!!!
>
>Anyway, call me curious, I couldn't help noticing
>the resistive loads that heat up to affect the
>liquid crystal indicators. It measures 62 ohms !!!
>It takes a few seconds of RF from the 40-9er at
>400mw to make the bottom segment "light up"
>but it does!!!
>
>I think I have a winner for the ARCI building contest!!!
>Seriously, has anyone else looked at these testers
>for possible power meters? (spelled CHEAP)

>
>OK, I know, I have too much time on my hands!!
>73, Randy WJ4P
>
>

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [1353] Re: FOX - Novice / VE7 swl report
Message-ID: <9610090310.AA24610@wizard.ucs.sfu.ca>

Hi Brad,

Nicely done. You had a very nice signal into B.C. for the first 45 minutes and you were down close to the noise level but copyable for the rest of the time. I never did find a way to get through the pileup to you. What methods did you find most effective?

Again, great job. No way could I have done as well when I was a novice (WN6ZJN).

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: vodall@juno.com
Subject: [1308] Re: Gel-Cel's and grounding antenna switches
Message-ID: <19961007.181853.2695.0.vodall@juno.com>

On Sun, 6 Oct 1996 15:58:40 -0600 bfollett@ditell.com writes:

>Hi Bill:
>
>A couple things:
>
><<I'm considering running the rig-side output from the
>tuner to the input of the 1-to-5 switch and using it to connect to the
>QRO rig as well as my QRP rigs. I'm a bit hesitant to do this as the
>thought of that 100 watts so close to the input of the QRP rigs is
>scary. >>
>

>I have a MFJ 6 in, 6 out switch, which has really poor isolation, but
>have had the qrp and qro rigs hooked up through the same switch for
>over a year now. I haven't lost a qrp front end yet

The consensus is that there's little danger from using a 1 to N switch to route the antennas to the various rigs. Looks like there's no more excuses. Time to find the switch, make up a few more coax cables and dig out the stashed QRP rigs...

>On Gelled Cells: The safest way to keep them up to snuff, as well as >regular lead acid ones, is to use a charger with a processor chip >designed for the task. They compensate for temperature, and only add >charge when the battery needs it.

A dedicated charger is probably the best way to go. However, it probably wouldn't work off the 13.8V regulated supply I'm contemplating using. So for now, I'll go with the blocking diodes and charging resistor trick. The next step will be to build up a charge controller for the solar panels. Running .2 amp solar in to a 5 AH battery is pretty safe - but there's always that nagging worry that it might be too much.

>Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10, ARS

Tnx Bob, and the group, for the suggestions...

73,
Bill - WA7NWP

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: wpc@west.net (John L. Roblin)
Subject: [1349] Re: LIL RED KEY WAS RED HOT!!
Message-ID: <v01530503ae777d4f7ade@[205.254.241.27]>

Great little story.....HMMMMM, but I always thought that I was the Lil' Red Key Guy!!!!!!

72/73,

John Roblin, WA6KY0 (QRP-L #759)
Whiterook Products Company
Ventura, CA

Manufacturer of a line of "Lil' Red" Pocket Mini-Keys and Mini-Paddles
Web Site: <http://www.west.net/~wpc>

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Greg Newberry <newberry@cyberhighway.net>
Subject: [1354] Re: Looking for RTTYCW
Message-ID: <325B2643.159@cyberhighway.net>

Kevin Muenzler wrote:

>
> Gang,
> Many many years ago I purchased program for my TRS-80
> Color Computer. Ok, stop laughing! It was about 1982
> or so. It was called RTTYCW. Does anyone have any
> information about this program. What I need is the
> schematic for the computer to rig interface.
>
> Thanks
>
> Kevin, WB5RUE
Kevin,

I have the program, even burned it into a rom, and had it on disk. I
still have the interface and the rom chip if you want it.

Greg

--

Greg Newberry -
newberry@cyberhighway.net
WB7DUO QRP-L #760
newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [1313] Re: October QRP Quarterly
Message-ID: <325A00CC.4E19@amsat.org>

W3HMS@aol.com wrote:

>
> Eric and the Gang..

>
> A good friend of mine got his, Quarterly, but I am paid and I didn't get
> mine.
>
> Can anyone add some light?

OK, here we go again..... I live about 20 or so miles
from Doug (he mails QRPp) and I just got mine today- Monday 7th.
so, tis not time to worry- yet.

72 de Phil

From owner-qrp-l@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)
Subject: [1293] Re: OHR 100 20M order
Message-ID: <642@wilkes.ak.planet.co.nz>

Thanks Dick
My first qrp rig - I just can't wait < run postie run >
After 35 yrs this hobby still gives a kick
The QRP-L group has re kindled my love of ham radio and given me
the *confidence* to go for a kit and not a ready built - I know they
will see me right - I still remember the thrill of a contact with a
rig (160M in UK) glued together by my own fair hands ;-))) . Cost
me 8 shillings and six pence for a posh dial - chaps from the local
club (Guildford) gave me all the other bits. There is nothing to
beat this hobby.

>Your order for the OHR 100 20M kit will be shipped today via 1st Class Mail
>insured. Thank you for your order.

>
>
>Sincerely,
>Dick Witzke, KE8KL
>OHR
>

Tony Wilkes --- Whangaparaoa, on the North Island, New Zealand
Royal Forest & Bird Croquet
ZL3SLH & G3SLH > QRP-L #717 QRA >RF73JF

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: "DANIEL DOBSON" <DANDOBSON@msn.com>
Subject: [1299] RE: QRP CALLSIGN/ADDRESS
Message-ID: <UPMAIL02.199610080016080451@msn.com>

Hey guys, do we have a special discount with Oak Hills Reasearch? How about
any other kit maker?

TNX Dan Dobson N9ZYV dandobson@msn.com

From: owner-qrp-1@Lehigh.EDU on behalf of AE0Q / V31RY
Sent: Sunday, October 06, 1996 7:50 PM
Subject: Re: QRP CALLSIGN/ADDRESS

At 12:03 06-10-96 EDT, N4SO wrote:

>This is related to obtaining an address from a QRP station from
>specifically
>the QRZ! ham radio CDRom Callsign Database.

>

snip

>

>One more thing-- QRZ! has an E-mail address for obtaining a
>callsign/address
>but I lost the datafiles.

>

>And thanks!.

Here it is right off the QRZ web site (www.qrz.com):

=====

How to access the QRZ Callsign Database via Email:

To search and retrieve callsign data by e-mail, send a message to
lookup@qrz.com as shown below:

Subject:

lookup aa7bq

lookup w1aw

=====

I don't think the ftp site has any callsign searching ability.. I just use it to upload pictures of local hams that I've had scanned into files.. If you had web-access, you could see photos of hams when you search their call!

Anyway, good luck with the e-mail version..

73 -- Glenn

Duct Tape is like the Force: It has a light side, and a dark side,
and it holds the Universe together.

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)
Subject: [1294] Re: SST board
Message-ID: <641@wilkes.ak.planet.co.nz>

Mount the little SST board on a bit of copperclad and spill over the sides if need be for the add-on bits.
Not tooooooo small with the SST though ,my eyes arn't what they were ;-))))

>
>On Mon, 7 Oct 1996, Bob Tellefsen-CNSE97 wrote:
>
>> "I'm putting in just 1 vote for making the board size LARGE for the SST
>
>Let's not start a thread on this... OPPS too late! :-)
>
>I vote for the SST to be as small as possible. The 49er is huge and the
>fact that you really need to put it in a big metal box (like an Altoids
>case) shows how inefficient the physical layout is.
>
>Maybe this is the project that takes us to surface mount technology?
>
>Now... all kidding aside... try to keep the same form factor as the
>49er. Anyone can EXPAND a PCB design, but shinking them is REALLY hard.
>
>73! =paul= wb8zjl

>
>
>

Tony Wilkes --- Whangaparaoa, on the North Island, New Zealand
Royal Forest & Bird Croquet
ZL3SLH & G3SLH > QRP-L #717 QRA >RF73JF

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: DYARNES@aol.com
Subject: [1320] Re: SST board (w/ KC-1? :-)
Message-ID: <961008102210_121543675@emout05.mail.aol.com>

In a message dated 96-10-07 16:50:27 EDT, nskousen@scientechnology.com (Niel Skousen) writes:

<< This is a subliminal message to Wayne et.al
Gee . . I wonder if the KC-1 will be integrated onto the PCB:-).
What about 1205 smt in a small PCB.... with a little breadboarding area

drool.....

Niel >>

As my dear old uncle used to say all the time, "that's a capital idea!"
Particularly so since I just happen to have an extra KC1 laying around here
that was replaced by a KC2--bet I'm not alone!

72 de David W7AQK

P.S. Since we're into subliminal messages, here's one for Doug and
Jim.....

Gee..I wonder if they will have one of those SD-20's for me at
Pacificon--I sure
need one!

drool....

D.

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: James Bell <jim.bell@canada.cdev.com>
Subject: [1332] RE: SST SIZE
Message-ID: <199610081705.NAA33675@nss2.CC.Lehigh.EDU>

Hi all,

There is a practical limit to the size that a rig can be made without resorting to miniaturized components.

One of the factors about electronic parts is that the smaller specialized parts are, the more they cost.

There is also the human engineering part to design in that people with larger fingers find it difficult to comfortably operate the equipment.

Another factor is what actually goes on inside the set.

Several years ago I was involved with the maintenance of ultra small military HF sets. Under conditions of high SWR, we found that because the set was so small and had little mass, component leads were being etched off. It was almost as if acid core solder had been used but the cause was determined to be SWR.

A lot of funny things happen when SWR starts getting back into the works. It even lets the smoke escape from components.

72 Jim VE3DDY

From owner-qrp-1@Lehigh.EDU Tue Oct 8 23:12:05 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [1292] Re: St. Louis Vertical Poles
Message-ID: <1.5.4.16.19961007134608.256f80e0@telis.org>

>Date: Mon, 07 Oct 1996 13:44:26

>To: Phil Wheeler <pcw12@ix.netcom.com>

>From: Doug Hendricks <ki6ds@dpol.k12.ca.us>

>Subject: Re: St. Louis Vertical Poles

>

>At 01:55 PM 10/7/96 -0700, you wrote:

>

>Phil, very nice to see you yesterday. Thank you for the donation of the 386-4's. What I plan on doing is posting to the net that I will have them available at Pacificon for those who want to try the Sierra mod in QRPP, March issue. I will credit you as being the source of the generosity, as I will only be the vehicle. Here are the answers to your questions.

>

>>Doug,

>>

>>There have been several msgs here reporting shortening of the SLV loading
>>coil to bring resonance up to abt 7MHz (vs. abt 5.5 MHz with the

>>prescribed dimensions). One of the messages referred to the specified
>>"four radials" -- tho my instructions seem to say 3 radials.
>
>.....
>
>You are correct, I only use 3, but you may use as many as you wish.
>
>>
>>In your first SLV message you reported good results on 40 and 30. Was
>>that with the original design or one with a shortened loading coil?
>.....
>
>That was done with the original design.
>
>
>>Since a tuner (at least a balun, I suppose) is needed anyway, does the
>>exact length of the loading coil (so long as it gives resonance below 7
>>MHz) really matter all that much? And where did the "four radial"
>>thought come from?
>.....
>
>I don't know, and I don't know. But, if the antenna was resonant at 7.040,
I think you could feed it with coax and skip the tuner, but that is just off
the top of my head.
>
>>
>>BTW...who had the neat looking unit at the meeting, and do you know the
>>diameter of shrink-wrap he used over the coil? I had to leave early
>>(under the WX with a long way to drive).
>.....
>
>Vern Wright, W6MMA, and 1.5", be sure to put it on from the top of the
pole, as it will not fit over the bottom end. Good luck and file some
reports on how your antenna works. 72, Doug, KI6DS
>
>>
>>72..Phil w7uox
>>
>>
>